

Increased Efficiency Resulting (Cont.)

SOV/93-58-8-5/15

preparing for expansion of the multiple well drilling method in their respective regions. The authors state that the increased importance of multiple well drilling calls for a more thorough analysis of the problems raised by M. G. Osipov and A. A. Kortatsts1 in their article published in Neftyanoye khozyaystvo, 1957, Nr 8. The authors also note that the effect of multiple well drilling through level type formations had been studied at the Moskovskiy neftyanoy institut im. akad. I. M. Gubkina (Moscow Petroleum Institute im. Acad. I. M. Gubkin) by V. P. Banatov, G. I. Zhukova, L. G. Kasatkina, and N. L. Kolyubakin under the guidance of E. I. Tagiyev and F. F. Dunayev. Drilling data provided by the 'Al'met'yevburneft' and Tatburneft' of the Tatar ASSR show that the multiple well drilling method produces better results than the vertical well drilling method (Tables 1-3). Fig. 1 presents a well distribution scheme for multiple well drilling at the Yuzhno-Romashkino oilfield of the Tatar ASSR. This scheme will be used for oil well drilling during the Sixth Five Year Plan. Tables 4-6 show that the drilling of multiple

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wells according to this scheme of well distribution will lead to a reduction in capital investment and to a desirable decrease in time and labor consumption. The authors conclude that: 1) drilling clusters of dual wells through level type formations will reduce capital investment, labor and metal consumption, 2) the accumulated data on dual well drilling and on the operation of clusters of inclined wells a level type formations make it possible to recommend an expansion of this type of drilling, and 3) wide application of dual well drilling depends on the development of special drilling and operating equipment, and on the solution of individual technological problems. There are 6 tables and 1 figure.

1. Petroleum--Production 2. Well drilling---Costs

Card 3/3

SEREDA, N. I., et. al.

Agriculture

For an abundant harvest from drained alluvial lands of the Kiev-Karkov area.
(Kiev), Sel'khozgiz, 1950. Na ukr. iaz.

9. Monthly List of Russian Accessions, Library of Congress, October 195²~~8~~, Uncl.

USSR/Soil Cultivation. Mineral Fertilizers.

J-3

Abs Jour: Ref Zhur-Biologiya, No 1, 1958, 1250.

Author : Sereda, N.I.

Inst : Ukrainian Scientific Research Inst of Hydraulic Engineering
and Melioration.

Title : The Influence of Copper Fertilizers on Various Pog-Peat Soils
of Drained Lowland Swamps.

Orig Pub: Nauch. trudy Ukr. n.-i. in-ta gidrotekhn. i melior., 1956,
No 77/3, 173-182.

Abstract: On the basis of field and vegetative experiments conducted by
the Ukrainian Scientific Research Institute of Hydraulic Engin-
eering and Melioration, it is recommended that from 500-700 kg./
hectare of copper cinder be applied twice per rotation on peaty-
ashy-calciferous-ferrous soils and on hypno-sedge grass soils
which are not subject to flooding; on peaty-calciferous-siliceous

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USSR/Soil Cultivation. Mineral Fertilizers.

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Abs Jour: Ref Zhur-Biologiya, No 1, 1958, 1250.

soils and on hypno-sedge grass soils at medium stage of decomposition which are subject to extended flooding, it is recommended that no copper fertilizers be applied.

Card : 2/2

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SEREDA, Nazar Ivanovich, kand.sel'skokhoz.nauk; TOKAR, L.O., red.;
NEMCHENKO, I.Yu., tekhn.red.

[Increasing the fertility of peat-bog soils] Pidvyshchennia
rodiuchosti torfovo-bolotnykh hruntiv URSR. Kyiv, Derzh.vyd-vo
sil's'kohospodars'koi lit-ry URSR, 1960. 86 p. (MIRA 13:9)
(Peat soils) (Soil fertility)

Sereda, N. N.

A Comparative Investigation of the Properties of Iron
Powders by I. M. Fedorchenko, N. A. Filatova, and N. N.
Sereda (Problems of Powder Metallurgy and Strength of
Materials (Akad. Nauk Ukrain. S.S.R.), 1956, 8, 81-86).—
[In Russian]. Fe powders made in a vortex mill, by electro-
lysis, and obtained by recovery, possess different charac-
teristics. Those powders made by recovery from mill-
scale flow badly and require high compacting pressures.
Briquettes made from this powder have greater strength and
higher porosity than those from other powders. Electrolytic
powder has poor compressibility, requires a high compacting
pressure, has a high elastic characteristic and a narrow range
of porosity. The powders are of practically equal purity.
When compacts with higher strength, plasticity, and porosity
are required, preference is given to recovered Fe powder.
The vortex-mill powder has better fluidity and requires a
lower compacting pressure. Uniform pore-distribution con-
fers greater strength. 7 ref.—N. E. B.

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A006/A101

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AUTHORS: Grigor'yeva, V. V., Sereda, N. N.

TITLE: On interaction of titanium carbide with chromium and molybdenum

PERIODICAL: Referativnyy zhurnal. Metallurgiya, no. 12, 1961, 48, abstract
12Q336 ("Poroshk. metallurgiya", 1961, no. 2, 48 - 52, English
summary)

TEXT: TiC+Cr+Mo alloys containing 5 to 40% metal binder (the Cr:Mo ratio varied from 1:3 to 3:1) were manufactured by hot pressing at 1,900 - 2,100°C and were then annealed at 2,000°C in argon (150 mm Hg pressure) for 3 hours. Metallographic and durometric analyses have shown that the solubility of Mo in Ti is 20 - 22%, and the solubility of Cr $\leq$ 7%. The hardness of carbide grains is raised by dissolving of Cr and reduced by dissolving of Mo. The alloys obtained are distinguished by great hardness at both room and high temperatures (1,100°C); and by brittleness.

R. Andriyevskiy

[Abstracter's note: Complete translation]

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GRIGOR'YEVA, V.V.; SEREDA, N.N.

Interaction of titanium carbide with chromium and molybdenum.
Porosh. met. 1 no.2:48-52 Mr-Ap '61. (MIRA 15:5)

1. Institut metallokeramiki i spetsial'nykh splavov AN USSR.
(CERAMIC METALS)

SEREDA, N.S., inzh.

Manufacturing packing-box boards on NTD machines without saw-
dust. Der.prom. 8 no.1:19-21 Ja '59. (MIRA 12:1)

1. Ukrainskiy nauchno-issledovatel'skiy institut mekhanicheskoy
obrabotki drevesiny.
(Woodworking machinery)

SEREDA, N.S., inzh.

Industrial utilization of hornbeam wood. Bum.i der.prom.
no.1:55-56 Ja-Mr '62. (MIRA 15:5)
(Hornbeam)

SEREDA, Naum Stepanovich, kand. tekhn. nauk; KUDRYAVTSEV, A.V.,
red.

[Effective utilization of hornbeam in the national economy]
Ratsional'noe ispol'zovanie graba v narodnom khoziaistve.
Moskva, Lesnaia promyshlennost', 1965. 88 p.
(MIRA 18:5)

DOVGOPOLYUK, I.A., inzh.; SEREDA, N.Ya., tekhn.

Suitability of the Psilerakh Quarry marble for electrode
coatings. Svar. proizv. no.8:28-29 Ag '61. (MIRA 14:8)
(Grimea—Marble)
(Electrodes)

SEREDA, Oleg, inz., CSc.

Suitable types of supporting slab constructions of bridges
on forest roads. Les cas 9 no. 11: 985-998 N '63.

1. Lesnicka fakulta, Vysoka skola zemedelska, Brno.

KUPLYAYEV, I.M. (Leningrad, B. Pushkarskaya ul. d. 30., kv.27); IVILYEV, N.N. (Gor'kiy, ul. Radistov, d.6, kv.6); CHEPNOV, Ya.G. (Gor'kiy, ul. Radistov, d. 6, kv.6); PISAREV, A.L. (Moskva, Lyubertsy, 4. pos. Vsesoyuznogo nauchno-issledovatel'skogo ugol'nogo instituta, d.5, kv.5); GASPAROV, R.G. (Moskva, I-51, 2-y Kolobovskiy pereulok d.9/2 kv.18); POPOV, B.I. (Irkutsk, 13, Depovskiy pereulok, d.83, kv.2); PIONTKOVSKIY, B.A. (Moskva, Ye-77, Sredne-Pervomayskaya ul. d.13, kv.4); VEDENEYEV, G.M. (Moskva, I-110, B. Spasskaya, d. 15/17, kv.29); KRECHER, V.G. (Uzhgorod, Zakarpatskaya obl., ul. Kosmodem'yanskoy, d.4, kv.69); SIDORENKO, A.P. (Leningrad, ul. Frunze, d.15, kv.38); SPIRIDONOV, A.V. (Leningrad, ul. Frunze, d.15, kv.38); SEREDA, P.A. (Moskva); IL'IN, V.F.; PEL'TSMAN, L.N.; DANILEVICH, A.I. (Khar'kov, Plekhanovskiy pereulok, d.9a, kv.2); KHIPIENKO, L.T. (Khar'kov, Plekhanovskiy pereulok, d.92, kv.2); LYKOV, M.V. (Moskva, Leninskiy prospekt, d.55); RYBAL'CHENKO, G.F. (Moskva, Leninskiy prospekt, d.55); BOYKO, V.F. (Leningrad, M-142, ul. Tipanova, d.3, kv.130); KITAYEV, G.I. (Chelyabinsk, Smolenskaya ul. d.4); SKLYAROV, A.Ye. (Novocherkassk, Rostovskoy obl. pos. Oktyabr'skiy, Gvardeyskaya ul. d.30, kv.29)

Discoveries and inventions. Prom. energ. 19 no.11:57-58 N '64.
(MIRA 18:1)

1. Zavod "Amurkabel", Khabarovsk (for Il'in, Pel'tsman).

SERBIN, I. F.

5784. Puti uvelicheniya poleznoy raboty parovoza. (Opyt raboty starsh. mashinista parovoznogo depo barabinsk omskoy dorogi. M., transzheldorizdat, 1954. 24s. 15sm. (SFS SSSR. Glav. upr. ucheb. zavedeniyami. tsentr. dom tekhniki. zh-d. transporta. Radiolektsiya.) 1.000 ekz. Respl.-na obl. avt. re Kazan-(55-1180- p 621.127/138

SO: Knizhnaya, Letopis, Vol. 1, 1955

SEREDA, P.P., uchitel'

Electrified model of the atom. Khim. v shkole 15 no.4:76-78
Jl-Ag '60. (MIRA 13:9)

1. Srednyaya shkola No 1, g. Debal'tsevo USSR.
(Atoms)

UBIYKO, A.M., inzh.; SHAMRO, Yu.A., inzh.; SEREDA, R.S., inzh.

Electromagnetic switch for explosionproof electric distribution devices in mines. Elektrotehnika 35 no.1:51-53
Ja '64. (MIRA 17:2)

SEREDA, S.S., starshiy dorozhnyy master

Always with an outstanding rating. Put' i put.khoz. no.11:5 H '58.
(MIRA 11:12)

1. 1-y mekhanizirovannyi okolo tok 1-y distantzii puti Moskovsko-Kiyev-
skoy dorogi.
(Railroads--Track)

SEREDA, T. (Tul'skaya oblast')

Eliminate shortcomings in coal-mine designs. Pozh. delo 4 no.7:10
Jl '58. (MIRA 11:8)

(Coal mines and mining--Fires and fire prevention)

KALANDAROV, N.; ABDURAKHIMOV, M.; SAMANDAROV, S.; SEREDA, T.; GULYAMOV, Ya.G., doktor ist. nauk, prof., spets. red.; NOTKIN, I.I., spets. red.; KOCHEROV, V., red.; ARKAD'YEVA, A., red.; BAKHTIYAROV, A., tekhn. red.

[Khorezm; brief manual and guidebook] Khorezm; kratkii spravochnik-putevoditel'. Tashkent, Gos.izd-vo Uzbekskoi SSR, 1962. 113 p. (MIRA 16:3)

(Khorezm Province--Guidebooks)

S/546/61/000/112/001/001
H000/H000

AUTHOR: Sereda, T. D.

TITLE: Results of tests of forecasting methods for the absolute geopotential of 500-mb and 300-mb isobaric surfaces

SOURCE: Tsentral'nyy institut prognozov. Trudy. Voprosy sinopticheskoy meteorologii, no. 112, 1961, 40-45

TEXT: In order to forecast the wind at high altitudes as required by the development of high-speed high-altitude aviation, it is necessary first to forecast the absolute potential of isobaric surfaces. Meteorological services in many countries are compiling 500-mb and 300-mb prognostic charts. Various methods of compiling these charts have been tested by the Tsentral'nyy institut prognozov (Central Institute of Weather Forecast). The testing utilized current materials from 22 days in April and 25 days in May 1959. Twenty-four hour

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Results of tests (Cont.)

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H000/H000

prognostic charts were compiled for most of Europe, a large part of Western Siberia, and Kazakhstan. Values of H_{500} and H_{300} were precomputed by the correlation method, the method of transfer of relative geopotential along absolute isohypses, and the method of transfer of relative geopotential along B_{500} isolines, for some 48-50 points within this area. The accuracy of the forecasts thus obtained for the altitudes of isobaric surfaces was evaluated for all of these 48-50 points, while the accuracy of wind forecasts was evaluated for the 300-mb isobaric surface only, and at only 10 points (Stockholm, Leningrad, Murmansk, Syktyvkar, Sverdlovsk, Omsk, Moscow, Kiyev, Warsaw, and Stalingrad). Analysis of the test results leads to the following conclusions:

- 1) A better forecast of H_{1000}^{500} and H_{500} (i.e., a smaller mean square error) is obtained by the method of transferring H_{1000}^{500} along the B_{500} isolines, than by transferring H_{1000}^{500} along the 700-mb absolute isohypses.
- 2) In forecasting H_{300} , both the method of transferring H_{1000}^{300} along the B_{500} isolines and the method of transferring H_{1000}^{500} and H_{1000}^{300} along the 700-mb and 500-mb absolute isohypses give somewhat better results on the whole than are obtained by using a statistical relation between the H_{1000}^{500} and H_{500}^{300} values.
- 3) In forecasting H_{300} ,

Card 2/3

Results of tests (Cont.)

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the method of transferring H_{1000}^{500} and H_{500}^{300} along the 700-mb and 500-mb absolute isohypses gives better results (generally by 0.2 geopotential decimeters) than the method of transferring H_{1000}^{300} along the B_{500} isolines. There are 4 tables.

Card 3/3

SEBELA, L. A.

Dissertation: "Investigation of the Structure of Amorphous Aluminum Oxides on the Basis of the General Theory of Dispersion." Card Phys-Math Sci, Inst of Physical Chemistry, Acad Sci USSR, 20 May 54. Vechernyaya Moskva, Moscow, 11 May 54.

SC: SUM 284, 26 Nov 1954

SEREDA, T.M.

Radial distribution method used for the interpretation of diffraction patterns obtained from condensated amorphous solids.
Izv.AN SSSR,Ser.fiz.20 no.7:820-823 J1 '56. (MIRA 9:11)

1. Yeletskiy pedagogicheskiy institut.
(Electron diffraction)

SEREDA, T.T.

Lithological types of sediments and fauna in sediments of the
Frasnian stage in the Volga-Ural region. Trudy Inst. geol. i
razrab. gor. iskop. 1:209-225 '60. (MIRA 14:1)
(Volga-Ural region--Geology, Stratigraphic)

SEREDA, V., inzhener.

Rebuilding reinforced concrete fuel loading piers. Mor.flot 7
no.3:41-45 Mr '47. (MLRA 9:5)
(Piers)

SEREDA, V., prof.; CHERKASOV, A., inzh.

High-frequency vibrating installation for unloading bulk goods.
Muk.-elev. prom. 25 no.11:28-30 N '59. (MIRA 13:3)

1. Khar'kovskiy institut inzhenerov zheleznodorozhnogo transporta
im. S.M. Kirova.
(Loading and unloading) (Railroads--Freight-cars)

SEREDA, V.: doktor tekhn.rauk; CHERKASOV, A., inzh.;
VISHNEVETSKIY, Ye., inzh.

Packing grain in freight cars by means of vibration. Muk.-elev.
prom. 27 no.8:27 Ag '61. (MIRA 14:7)

1. Khar'kovskiy institut inzhenerov zheleznodorozhnogo transporta
imeni S.M. Kirova.
(Grain--transportation rail)

SERED A, U.A.

3(5,7) PERM I BOOK REPLETION 807/2832

Mekhvedostremoye soveshchaniye po merlozoveshiyu. 7th, Moscow, 1996

Materialy po inzhenernomu merlozoveshiyu. (Materials on Engineering Aspects of Permafrost). 2nd International Conference on Studies of Permafrost. Moscow, Ed-vto AN SSSR, 1999. 199 p. Errata slip inserted. 1,500 copies printed.

Sponsoring Agency: Akademiya nauk SSSR. Otdeleniye geologo-geograficheskikh nauk. Institut merlozoveshiya.

Ms.: I. Ya. Burenov, S. A. Tsytorich, and A. M. Chetvortilov; Ed. of Publishing House: A. L. Mukhrimov; Tech. Ed.: Ye. V. Mikhlin.

PURPOSE: This book is intended primarily for construction engineers and geologists interested in permafrost problems.

CONTENTS: This collection of articles contains reports originally discussed at the 7th International Conference on Permafrost held in Moscow in March, 1996. Materials of this conference were published in three issues: General, Engineering, and Construction. The book contains 100 articles of this work discussing various aspects of permafrost engineering. Individual articles of this work discuss basic problems of planning, building, and operating various buildings and structures in permafrost regions. Some of the information reported, particularly on hydraulic engineering construction, is new and appears for the first time in the literature on permafrost. Articles are accompanied by references.

Ushakov, V. P. Problems of Heat Engineering Computation of Frozen Structural Foundations Susceptible to Thaw Based on Experimental Data and Field Observations

39

Chernigov, V. A. Heat Engineering Computation of Cooling of Concrete Foundations Taking Into Account the Heat Losses in a Perennially Frozen Bed

50

Baltikov, S. I. Bases and Foundations of Surface Structures Erected in Areas of Perennially Frozen Ground

56

Melnikov, P. I. Methods of Efficient Foundation Building in the Perennially Frozen Ground of the Yakutskaya ASSR

65

Erusovskiy, A. E., and V. A. Elizarov. Certain Problems of Construction Building for the Facilities Which Prevail in the Far Northeast

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Materials on Engineering Aspects (Cont.)

807/2832

Makalov, O. E. Practical Experience in Operating Industrial Buildings Erected on Permafrost Grounds

88

Makalov, O. E. Control of a Permafrost Station in the Construction and Operation of Buildings

91

Seashure, G. Ya. (deceased). Practical Experience in the Operation of "Hotter" Buildings Erected on the Permafrost Ground of Kori'sk

94

Veselin, Ya. A. Practical Experience in Designing Industrial and Public Buildings and Structures in the Igarka Mountain Region

105

Borisov, G. A., and O. Ya. Seashure (deceased). Practical Experience in Designing, Building, and Operating Earth Dams at Kori'sk

110

Seashure, G. Ya. Practical Experience in the Designing of Hydraulic Structures With Long-Term Ground Freezing

120

Mikhlin, Ye. P. Specific Mining Problems in Regions With Frozen Rocks and Deep Ground Freezing in Winter

129

Zapudovskiy, Ya. F. A Survey of Water Supply Sources in the Region of the Perennially Frozen Rocks of the Zayatskiy Coal Deposit.

137

Churakov, B. B. Laying Out Sanitary Engineering Conditions in Areas Covered by Permafrost

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Cont 4/6

SEREDA, V. G.

SEREDA, V. G.: "Changes in the motor function of the large intestine with anastomoses of the gastrointestinal tract." Min Higher Education Ukrainian SSR. Kiev Veterinary Inst. Kiev, 1956. (Dissertations for the Degree of Candidate in Veterinary Sciences).

SO: Knizhnays Letopis' No. 22, 1956

SEREDA, V.I.

Rhythmic contraction in the lower and middle sections of the small intestine in cats. Visnyk Kyiv.un. no.5. Ser.biol. no.2:125-128 '62. (MIRA 16:5)

(GASTROINTESTINAL MOTILITY)

SEREDA, V.M.

Design of equipment for the assembly of ship hulls. Sudostroenie
27 no.4:58-61 Ap '61. (IRA 14:3)
(Shipbuilding—Equipment and supplies)

SEREDA, V.M.

Rigging for ship launching from longitudinal ways. Sudostroenie 29
no.10:66-68 0 '63. (MIRA 16:12)

Sereda, V. H.

Effect of grippe viruses, types A2, S and D, upon the electrokinetic potential of erythrocytes. *SR*

Materialy nauchnykh konferentsii, Kiev, 1959. 288pp
(Kievskiy Nauchno-issledovatel'skiy Institut Epidemiologii i Mikrobiologii)

SMIRNOVA, M.F. (Kiyev); KUCHENKO, S.A. (Kiyev); DASHKIN, V.N. (Kiyev)

Clinical and virological study of influenza in 1956-1959.
Sber.nauch.trud. Inst.infek.bol. no.4037-4040 '61.

(MIRA 18:6)

SEREDA, V. N. Cand Med Sci -- (diss) "Application of the method
of electrophoresis for ^{the} early diagnosis of the grippe." Kiev, 1957.
15 pp 20 cm. (Min of Health UkSSR. Kiev Order of Labor Red Banner
Med Inst im Academecian A.A. Bogomolets). 200 copies. (KL, 23-57, 117)

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52. K. F. 124, W. N.

SMIRNOVA, M.F., starchyi nauchnyy sotrudnik; SHAYKHET, G.Kh., mladshiy
nauchnyy sotrudnik; SERBOA, V.N., mladshiy nauchnyy sotrudnik;
VASILENKO, S.M., mladshiy nauchnyy sotrudnik

Studying outbreaks of acute fever diseases caused by a virus of the Coxsackie group. Vrachdelo no.9:943-949 S '57. (MLRA 10:9)

1. Virusnaya laboratoriya (zav. - starshiy nauchnyy sotrudnik M.F. Smirnova) Kirovskogo nauchno-issledovatel'skogo instituta epidemiologii i mikrobiologii
(COXSACKIE VIRUSES)

SEREDA, V.N.

SMIRNOVA, M.F., VASIL'YEVA, V.L., SHEVCHENKO, L.F., SEREDA, V.N., SHAYKHET, G.Kh.

Study of the efficacy of vaccination against influenza. Vop.virus
3 no.2:107-108 Mr-Apr '58 (MIRA 11:5)

1. Kiyevskiy institut epidemiologii i mikrobiologii.
(INFLUENZA, immunology
vacc., evaluation (Rus))

SEREDA, V.S., veterinarnyy vrach.

Treatment of diseases of the uterus of cows with flavacridine and proflavine. Veterinariia 31 no.1:54-55 Ja '53. (MLRA 6:12)

1. Uchebnoye khozyaystvo Yur'yevskoye, Naro-Fominskogo rayona, Moskovskoy oblasti.

SEREDA, V. S.

②
Experimental use of flavacridine and proflavine in uterine diseases in cows. V. S. Sereda (Yur'evskoe Educational Farm, Naro-Fominsk Region, Moscow Dist.). *Veterinariya* 31, No. 1, 54-5 (1954).—Flavacridine and proflavine used as irrigants at 1:1000 diln. in warm water were effective against endometritis and cases of traumatic abortion in cows.
G. M. Kosolapoff

21/53) SHANDI, V. I. Kholodnyy kachestva vnutrennykh i vneshnykh shchepok
na vyvoda s os'zhimyye kolebaniya silovaya. Trudy Akad. nauch.
Sovetskoy d.-i. SSSR, seriya fiz.-mat. nauch., 1964, no. 5-6

60: Istojic' Zhurnal'nykh Sloz, No. 25, Moskva, 1974.

СЕНЕД, В. В.

21.60 СЕНЕД, В. В. Характеристика первичных по речности паромов-11001'
ного судна и 111 вливания на олоденье полетника. (Суд. Клар'к. из-та
Андреев об.-1. транспорта им. Кирова, вып. 24, 1949, с. 9-19)

SC: Letopis' Zhurnal'nykh Statov, No. 23, Moskva, 1949.

SEREDA, V. T.

Mathematical Reviews
May 1954
Mechanics

Sereda, V. T. Investigation of the errors of mechanisms
of higher classes and orders. Akad. Nauk SSSR. Trudy
Sem. Teorii Masin i Mechanizmov 10, no. 41, 43-60 (1951).
(Russian)

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SEREDA, V. T.

"An Investigation of Errors in Mechanisms of Higher Classes and Orders (By a Method Using Differential Projections)", Trudy Seminara po Teoriy Mashina, Vol 11, No 51, 1951, page 43

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Dissertation: "Dynamic Precision of a Steam Engine Mechanism." Dr Tech Sci, Moscow
Electromechanical Inst of Engineers of Railroad Transport, Moscow, 1953.
Referativnyy Zhurnal--Mekhanika, Moscow, May 54.

SO: SUM 284, 26 Nov 1954

SEREDA, V.T., kandidat tekhnicheskikh nauk, dotsent.

Calculating tolerances for length in units of a steam distributing
mechanism. Trudy KHIIT no.23:113-120 '53. (MLRA 10:8)
(Mechanics, Analytic) (Locomotives)

SEREDA, V.T., kandidat tekhnicheskikh nauk, dotsent.

Error in the placement of the slide valve relative to clearances
in the locomotive mechanism and calculation of tolerances for
clearances. Trudy KHIIT no.23:121-148 '53. (MIRA 10:8)
(Locomotives--Valve gears)

SEREDA, V.T.

Experimental force hodograph designed on the basis of crankpin
bearings. Prykl. mekh. 2 no.1:100-104 '56. (MLBA 10:2)

1. Kharkivs'kiy institut inzheneriv transportu.
(Bearings (Machinery)) (Hodograph)

SEREDA, V.T. doktor tekhnicheskikh nauk, professor.

Experimental investigation of the dynamics of a locomotive connecting rod and piston mechanism when there is considerable play in the piston bearings. Trudy KHIIT no.26:66-79 '56. (MLRA 9:12)
(Connecting rods) (Pistons)

SEREDA, V.T., doktor tekhnicheskikh nauk, professor.

Dynamics of the leading pair of wheels when the axle bearings
are worn. Trudy KHIIT no.26:80-111 '56. (MLBA 9:12)
(Car axles) (Car wheels)

А. В. П., профессор.

Measures for prolonging the life of gearing in diesel locomotives.
Elek. i tepl. tiaga no. 8: 9-10 ag '57. (11: 1-10)
(Diesel locomotives)

~~SECRET~~
SEREDA, V.T.

Dynamic errors in an existing crankgear. Trudy Inst. mash. Sem.
po toch. v mash. i prib. no.10:3-27 '57. (MIRA 11:1)
(Mechanical movements)

BEZVZSEL'NIY, Yefim Semenovich, dotsent, kand.tekhn.nauk; KOSTYUK,
A.P., dotsent, kand.tekhn.nauk, otv.red.; SEREDA, V.F., prof.,
doktor tekhn.nauk, retsenzent; LITVIN, G.I., dotsent, kand.
tekhn.nauk, retsenzent; PASHCHINSKAYA, G.N., red.; ZADOROZHNIY,
V.S., tekhn.red.

[Collected problems and exercises in the theory of mechanisms
and machines] Sbornik zadach i zadaniy po teorii mekhanizmov
i mashin. Khar'kov, Izd-vo Khar'kovskogo gos.univ., 1958.
361 p. (MIRA 12:9)

(Mechanical engineering--Study and teaching)

SEREDA, V.T., doktor tekhn.nauk, prof.

Synthesis of mechanisms of a given precision; calculation of
best tolerances. Trudy KHIT no. 29:36-43 '58. (MIRA 11:8)
(Mechanical engineering)

SEREDA, V.T., doktor tekhn. nauk, prof.

Kinematic errors of crankgears. Trudy KHIT no. 29:44-58 '58.

(MIRA 11:8)

(Machinery, Kinematics of)
(Gearing)

SEREDA, Vasilii Trofimovich, prof.; KOSTYUK, Anatoliy Parfenovich, dotsent; VISHNEVETSKIY, Yefim Abramovich, assistant; SHEBANOV, Igor' Georgiyevich, assistant; BEZVESEL'NIY, Ye.S., dotsent, otv.red.; KOSTYUK, D.I., dotsent, kand.tekhn.nauk, retsenzent; KURILOVA, T.M., red.; NIKULINA, N.I., tekhn.red.

[Manual for laboratory work in the theory of mechanisms and machinery] Rukovodstvo k laboratornym rabotam po teorii mekhanizmov i mashin. Khar'kov, Izd-vo Khar'kovskogo gos.univ., 1960. 142 p. (MIRA 13:12)

(Mechanical engineering--Laboratories)

SEREDA, V.T., prof.; Prinimali uchastiye: KOSTYUK, A.P., dotsent;
NETYUKHAYLO, S.P., inzh.

Studying the double-flow hydromechanical transmission of a
3000 HP diesel locomotive. Trudy KHIIT no.46:43-60 '61.
(MIRA 15:12)

1. Khar'kovskiy institut inzhenerov zheleznodorozhnogo
transporta.

(Diesel locomotives--Hydraulic drive)

SEREDA, V. T., doktor tekhn. nauk, prof.; KOSTYUK, A. P., kand. tekhn.
nauk, dotsent; NETYUKHAYLO, S. P., inzh.

Comparison study of the hydromechanical transmissions of the
diesel locomotive. Trudy KHIIT no.51:5-64 '61.
(MIRA 15:10)

(Diesel locomotives—Hydraulic drive)

SHAROYKO, Pavel Mikhaylovich, prof.; SEREDA, Vasilii Trofimovich, prof.;
TIBABSHEV, A.I., inzh., red.; USENKO, L.A., tekhn. red.

[Hydraulic transmissions of diesel locomotives] Gidravlicheskie
peredachi teplovozov. Moskva, Transzheldorizdat, 1963. 173 p.
(MIRA 16:4)

(Diesel locomotives--Hydraulic drive)

SEREDA, V.V

25(5)

PHASE I BOOK EXPLOITATION

SOV/3080

Gomelauri, Nikolay Georgiyevich, Nikolay Vasil'yevich Kashakashvili,
Solomon Avtandilovich Sharadzenidze, Viktor Viktorovich Sereda,
and Georgiy Lukich Gogava

Zakavkazskiy metallurgicheskiy zavod imeni I. V. Stalina (Zakavkazskiy
Metallurgical Plant imeni I. V. Stalin) [Moscow] Metallurgizdat,
1959. 147 p. 3,000 copies printed.

Ed.: N. G. Gomelauri, Candidate of Technical Sciences; Ed. of
Publishing House: L. M. Gordon; Tech. Ed.: A. I. Karasev.

PURPOSE: This book is intended to acquaint metallurgical workers
and the general public with the design and operation of metal-
lurgical plants.

COVERAGE: The book deals with the history and development of the
Zakavkazskiy Metallurgical Plant imeni Stalin in Rustavi,
Georgian SSR. Construction of individual departments and organi-
zation of production are described. The question of technical pro-

Card 1/3

Zakavkazskiy Metallurgical (Cont.)

SOV/3080

gress and labor productivity is examined. The introduction of progressive technological processes in blast-furnace and steel-making shops, in tube and rolling mills, and in the production of wire and merchant bars is discussed. No personalities are mentioned. There are no references.

TABLE OF CONTENTS:

History of Metallurgy in zakavkaz'ye	5
Historical review	5
Raw material and fuel sources	9
Building of the Zakavkazskiy Metallurgical Plant	12
Coke Production	18
Agglomeration. Blast-furnace Production:	29
Sintering plant	29
Blast-furnace operation	35
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Card 2/3	

SEREDA, Ya. I.

"A Method for Analysis of the Chemical Composition of Organic Components in Acid Asphalts" p. 308

Composition and Properties of the High Molecular Weight Fraction of Petroleum; Collection of Papers, Moscow, Izd-vo AN SSSR, 1958. 370pp. (Dta nefti)
2nd Collection of papers publ. by AU Conference, Jan 56. Moscow.

The Laboratory for Petroleum Refining at the Geological Institute of Mineral Resources, L'vov Branch of UkrSSR, developed a new method for analysis of the chemical group composition of acid asphalts obtained from the refining of oil and wax. This method serves for the determination of the composition of all types of acid asphalts, and can be conveniently used in plant laboratories. It introduces new elements into asphalt analysis: more complete quantitative analysis of organic components, especially of paraffinic acid asphalts (for the first time), determination of carboxylic acids (naphthenic and asphaltous), determination of "oxonium" compounds of resins and asphaltenes as independent from the various groups of asphaltene-sulfonic acids, and the discovery of the hitherto unknown new group of asphaltene-sulfonic acids which are not soluble in acetone. There are 3 tables and 8 references of which 4 are Soviet, 1 German, and 3 English.

POPOV, Sergey Nikolayevich; SEREDA, Yu.I., otv.red.; BLIKH, V.V., red.;
KOTLYAROV, Yu.L., red.; SARAHYUK, T.V., tekhn.red.

[Chemistry of petroleum and natural gas] Khimiia nefiti i gaza.
L'vov, Izd-vo L'vovskogo univ., 1960. 377 p.

(MIRA 14:2)

1. Chlen-korrespondent AN USSR (for Sereda).
(Petroleum) (Gas, Natural)

SEREDA, Ya.I.; MAKITRA, R.G.; GEVORKYAN, M.A.

Decarboxylation of palmitic and stearic acids. Ukr. khim. zhur.
27 no.4:551-552 '61. (MIRA 14:7)

1. Institut geologii poleznykh iskopayemykh AN USSR.
(Palmitic acid) (Stearic acid) (Carboxyl group)

OLEKSIN, P.Ye.; SEREDA, Ya.I.

Obtaining α -olefins for oxosynthesis by cracking low-melting
n. paraffins. Neft. i gaz. prom. no.2:47-50 Ap-Je '63.
(MIRA 17:11)
1. Institut geologii goryuchikh iskopayemykh AN UkrSSR.

OLEKSIN, P.Ye.; SEREDA, Ya.I.

Certain features of the vapor-phase cracking of low-melting
n. paraffins in order to obtain petrochemical raw stock.
Neft. i gaz. prom. no.2:52-54 Ap-Je '64. (MIRA 17:9)

RUDAKOVA, N.Ya.; SEREDA, Ya.I.; LOBOV, V.A.; POLISHCHUK, S.A.; GONOPOL'SKIY,
L.Ye.

Acid-alkali removal of acid sludge and alkali waste from
transformer distillate using electric separation. Neft. i
gaz. prom. no.1:49-52 Ja-Mr '64. (MIRA 18:2)

SOV/35-59-8-6198

Translation from: Referativnyy zhurnal, Astronomiya i Geodeziya, 1959,
Nr 8, p 15

AUTHOR: Sereda, Ye.M.

TITLE: The Observation of the Occultations of [✓]Stars by the [✓]Moon in
the Nikolayevsk Branch of the MAO AS USSR in 1957 ✓

PERIODICAL: Astron. tsirkulyar, 1958, February 25, Nr 189, pp 25 - 26

ABSTRACT: Sixteen moments of occultations, obtained with the aid of a
Repsol'd refractor (D = 160 mm, F = 190 cm) are given.

Card 1/1

S/035/60/000/006/014/038
A001/A001

Translation from: Referativnyy zhurnal, Astronomiya i Geodeziya, 1960, No. 6,
p. 19, # 5016

AUTHOR: Sereda, Ye. M. ✓

TITLE: Observations of Star Occultations by the Moon at the Main
Astronomical Observatory AS UkrSSR at Goloseyevo

PERIODICAL: Astron. tsirkulyar, 1959, iyunya 5, No. 202, pp. 21-22

TEXT: Sixteen events of occultations observed in 1959, February to April,
are given.

Translator's note: This is the full translation of the original Russian
abstract.

Card 1/1

SEREDA, Ye.M.

Exact position of the minor planet Hebe derived from observations made at the Main Astronomical Observatory of the Academy of Sciences of the Ukrainian S.S.R. Astron.tsir. no.204:7-8 S '59. (MIRA 13:6)

1. Glavnaya astronomicheskaya observatoriya AN USSR.
(Planets, Minor)

SEREDA, Ye.M. (Goloseyeva, Kiyev)

Observations of lunar occultations of stars at the Main Astronomical Observatory of the Academy of Sciences of the Ukrainian S.S.R. in Goloseyovo. Astron.tsir. no.209:38-39 Mr '60.
(MIRA 13:9)

(Occultations)

SEREDA, Ye.M.

Investigating the daily rate of the No.906 Strasser clock and
the No.1165 mean chronometer in 1958-1959. Izv.Glav.astron.
obser.AN USSR 4 no.1:96-98 '61. (MIRA 14:10)
(Astronomical clocks)

SEREDA, Ye.M.

Results of testing the KIM-3 coordinate measuring machine. Izv.
Glav. astron. obser. AN URSR 4 no.2:16-23 '62. (MIRA 15:11)
(Measuring instruments)

L 47313-66 EWT(1) GW

ACC NR: AR6028397

SOURCE CODE: UR/0269/66/000/005/0020/0020

AUTHOR: Onegina, A. B. ; Sereda, Ye. M.

35
33
B

TITLE: Determining the positions of Mars and Deimos at GAO AN UkrSSR

SOURCE: Ref. zh. Astronomiya, Abs. 5.51.151

REF SOURCE: Tr. 16-6 Astrometr. konferentsii SSSR, 1963, M. - L., Nauka, 1965, 75-79

TOPIC TAGS: photograph, planetary photograph, satellite photography, Mars, Deimos, Yarktur

ABSTRACT: For the simultaneous photography of Mars and Deimos with their surrounding stars, a square or hexagonal aperture was installed in front of the lens. Due to diffraction, a redistribution of intensity takes place in the image of the planet, radial rays appear perpendicular to the sides of the aperture and the background around the edge of the picture of Mars is weakened, where the image of the satellite is shown. In the beginning of 1963, approximately 50 photographs

Card 1/2

UDC: 522.61:523.43

I 47313-66

ACC NR: AR6028397

2

of Mars with this satellite were obtained by this method at GAO AN UkrSSR. In order to evaluate a possible systematic observation error, the average deviations of the arbitrary equations for Yarktur and 12 reference stars, obtained in the photographs during various positions of the telescope and the aperture were compared. The remaining deviations for Yarktur turned out to be practically the same as for the reference stars; this makes it possible to conclude that the aperture does not cause any systematic shift of the bright star on the photographic plate. It was proposed that the positions of the bright objects be measured on the YIM-22 equipment with the several intersecting hairlines in the microscope which are directed towards the diffraction rays. From five plates, 15 positions of Mars and Deimos were obtained in the Yel' skiy system of catalogues. The average probable error of one position, calculated according to reliability by the discrepancy of individual measurements is equal to $\pm 0^s, 007$ and $\pm 0''.09$ in terms for α and δ , respectively. It is concluded that this method of determining the positions of bright point objects from ray measurements is satisfactorily accurate [Translation of abstract] [FM]

SUB CODE: 03/

Card 2/2 afs

ACCESSION NR: AP4022109

S/0073/64/030/003/0274/0279

AUTHOR: Zharavskiy, F. G.; Sereda, Ye. S.; Voronova, E. D.

TITLE: Extraction of hydriodic acid from aqueous solutions and separation of zinc and cadmium iodide complexes.

SOURCE: Ukrainskiy khimicheskiy zhurnal, v. 30, no. 3, 1964, 274-279

TOPIC TAGS: hydriodic acid, zinc iodide complex, cadmium iodide complex, extraction, zinc cadmium separation, selective extraction, extractant, partition coefficient, rhodanide precipitation, solvent dielectric constant

ABSTRACT: Elements occurring in the same series are separated in the form of their halide and rhodanide complexes by selective extraction. In this study the distribution of hydriodic acid and of zinc and cadmium iodide complexes between water and oxygen-containing organic solvents was determined. By increasing the initial concentration of HI from 0.1 to 5.0 moles/l. its transfer to the organic phase of the water-organic solvent system is increased. The ability to extract HI increases in the following series of solvents: isoamylacetate, diethyl ether, isoamyl alcohol, butanol (best extractant). The extracting ability of these alcohols

Card 1/3

ACCESSION NR: AP4022109

parallels their dielectric constant. The distribution of zinc and cadmium iodide complexes (prepared from aqueous solutions of the corresponding sulfates and KI) between aqueous H_2SO_4 -KI solutions and the following solvents was studied: isobutyl alcohol, isoamyl alcohol, diethyl ether, isobutylacetate, methylbutyl ketone, isoamyl acetate, and isoamylbenzoate. Increasing the acidity of the medium increases the separation of Cd into the organic phase, e.g., in isoamyl alcohol the partition coefficient is increased from 1.42 in 0.05 M H_2SO_4 to 111.00 in 6 M acid. An analogous effect occurs with Zn, only to a much lesser degree, on extraction with isoamyl alcohol, diethyl ether and methyl butylketone (from 0.12 in 0.05 M acid to 0.33 in 6 M acid in isoamyl alcohol). Extraction of the zinc iodide with the remaining organic solvents starts to increase with solutions 3 M or higher in acid. The ability of the alcohols and of the complex ethers to extract cadmium iodide increases with an increase in the molecular weight of a given class of compounds. By extracting a Cd-Zn mixture with isoamyl alcohol and subsequently treating the extract with a 25% solution of ammonium rhodanide, Zn-free Cd can be obtained even with an initial Zn:Cd ratio of 10:1. Orig. art. has: 4 tables.

Card

2/3

ACCESSION NR: AP4022109

ASSOCIATION: Kiyevskiy gosudarstvennyy universitet im. T. G. Shevchenko
(Kiev State University)

SUBMITTED: 04Dec62

DATE ACQ: 09Apr64

ENCL: 00

SUB CODE: CH

NO REF SOV: 002

OTHER: 002

Card 3/3

SEREDA, Ye.V., kand.med.nauk; KRASAVINA, T.S., kand.med.nauk

Some neurohumoral reactivity indices in various forms of tuberculosis in young children. *Pediatrics* 4 no.7:3-7 J1'63
(MIRA 16:12)

1. Iz tuberkuleznogo otdeleniya (zav. - prof. I.V. TSimbler)
i patofizicheskoy laboratorii (zav. - prof. N.V. Puchkov)
Instituta pediatrii (dir. - dotsent M.Ya Studenikin) AMN SSSR.

KULYABKO, O.V., kand.med. nauk; SEREDA, Ye.V., kand.med.nauk

Histaminopexy in healthy children and in those with primary tuberculosis. *Pediatrics* 4 no.7:11-17 J1'63 (MIRA 16:12)

1. Iz tuberkuleznogo otdeleniya (zav. - prof. I.B. Simbler) i patofiziologicheskoy laboratorii (zav. - prof. N.V. Puchkov) Instituta pediatrii (dir. - dotsent M.Ya. Studenikin) AMN SSSR.

NERADA, Ye.V., in M. M. M. M.

the indices of a modified reactivity in primary tuberculosis
in young children. Probl. tub. no. 4:27-33 1964.

(MIRA 18:11)

L. Tuberkulizatsiya otbeleniya (trans. - prof. I.V. ISimblar)
Instituta pediatrii AMN SSSR (direktor - dotsent M.I.
Sokolovskiy), Moskva.

I 18946-65 EWT(m)/EPF(c)/T Pr-4 DJ

ACCESSION NR: AP4049440

S/0318/64/000/007/0006/0008

AUTHOR: Rudakova, N. Ya.; Polishchuk, S. A.; Gomolina, L. N.; Orazova, M. R.;
Sereda, Z. Ya.

TITLE: Conditions of production of stable transformer oil from Anastas'yevsk petroleum

SOURCE: Neftepererabotka i neftekhimiya, no. 7, 1964, 6-8

TOPIC TAGS: transformer oil, petroleum refining, Anastas'yevsk petroleum, aromatic hydrocarbon content, tar content, transformer oil stability

ABSTRACT: The transformer distillate of Anastas'yevsk petroleum processed by the L'vov Petroleum Refinery is characterized by a high content of heavy aromatic hydrocarbons and tars. The authors studied the dependence of the stability of the transformer oil on its content of aromatic compounds. Comparative data tabulated in the article show that the most stable transformer oil contains the lowest amount of tars and heavy hydrocarbons, and the lowest amount of aromatic hydrocarbons having refractive indices higher than 1.53. The authors conclude that the inadequate stability of the oils produced by the L'vov Refinery is due to their insufficient refining. In order to determine the influence of fractional composition on the formation of water-soluble acids at the beginning of aging of the oil, the distil-

Card 1/2

L 18946-65

ACCESSION NR: AP4049440

late was collected in fractions 10C apart, from which samples of transformer oil were obtained by refining. As the boiling range of the fractions rose, the stability of the transformer oil decreased. The transformer distillate should be collected up to 370C. The authors found that the best fraction for producing transformer oil from Anastas'yevsk petroleum processed by the L'vov Refinery is the one boiling between 270 and 370C. Orig. art. has: 3 tables.

ASSOCIATION: L'vovskiy filial, UkrNIIGiproneft' (L'vov Branch of UkrNIIGiproneft')

SUBMITTED: 00

ENCL: 00

SUB CODE: FP

NO REF SOV: 001

OTHER: 000

Card 2/2

L 45938-66 EWT(m)/T WE/GD

ACC NR: AT6020587

SOURCE CODE: UR/0000/65/000/000/0036/0042

AUTHOR: Rudakova, N. Ya.; Polishchuk, S. A.; Sheremeta, B. K.; Sereda, Z. Ya.

ORG: UkrNIIgiproneft'

38

B/1

TITLE: Physicochemical properties and group composition of petroleum from Oktyabr' field

SOURCE: Neftepererabotka i neftekhimiya (Petroleum refining and petroleum chemistry). Kiev, Naukova dumka, 1965, 36-42

TOPIC TAGS: diesel fuel, gasoline

ABSTRACT: In order to study the physicochemical properties of narrow fractions of Oktyabr' petroleum, the latter was distilled on an ARN-1 unit up to 220°C at atmospheric pressure and under vacuum above that temperature. Analysis showed a high content of low-octane gasoline fractions (50.66% up to 200°C) of low detonation stability. The 85-200°C fraction is recommended for use as stock for catalytic reforming in the production of high-octane gasoline. From the 120-220°C fraction, TS-1 fuel meeting all GOST requirements except the content of aromatic hydrocarbons can be obtained; DL diesel fuel corresponding to GOST standards in all characteristics can be obtained from the 220-350°C fraction, and DZ diesel fuel satisfying all the GOST requirements is obtained from the 170-300°C fraction. The 300-350°C fraction may be used as a component of DL diesel fuel. The residue of the distillation of Oktyabr' petroleum up to

Card 1/2

L 45938-66

ACC NR: AT6020587

0

380°C amounts to 5% of its weight and may be used as cracking stock, Orig. art. has:
4 tables.

SUB CODE: 11/ SUBM DATE: 01Dec65

1-3

Card 2/2

SEREDAVIN, D.G.; KONNOV, F.Ye.; YUSHKEVICH, G.I.; SILINA, L.D.; MOISSEYEVA, Ye.I.; BLAGODAROVA, T.N.; BIRYUKOVA, M.S.; SOLOVEY, I.I.; REVIZOVA, V.Ye.; YEVPRYNTSEVA, Z.A.; DAVYDOVA, I.V.; SAVICHEVA, Z.N.; KHAUSTOVA, A.K., tekhn.red.

[Economy of Kuybyshev Province for 1958-1959; statistical collection]
Narodnoe khoziaistvo Kuibyshevskoi oblasti za 1958-1959 gody; statisticheskii sbornik. Kuibyshev, 1960. 174 p.

(MIRA 14:1)

1. Kuybyshevskaya oblast'. Statisticheskoye upravleniye. 2. Nachal'-nik Statisticheskogo upravleniya Kuybyshevskoy oblasti (for Seredavin).
3. Statisticheskoye upravleniye Kuybyshevskoy oblasti (for all, except Khaustova).

(Kuybyshev Province--Statistics)

I 42059-65 EWT(1)

ACC NR: AP6010027

SOURCE CODE: UR/0119/66/000/ 003/0019/0020

AUTHOR: Seredenin, V. I. (Engineer)

ORG: none

TITLE: Electromechanical registering pulse counters based on the EPP-09 potentiometer

SOURCE: Priborostroyeniye, no. 3, 1965, 19-20

TOPIC TAGS: pulse counter, potentiometer

ABSTRACT: The personnel of the Central Scientific-Research Institute of Boilers and Turbines im. I. I. Polzunov (Tsentral'nyy nauchno-issledovatel'skiy kotloturbinnyy institut) designed, built, and tested a pulse counter with continuous-discrete registration (Fig. 1) and a reversible counter with continuous registration (Fig. 2). The counters can register up to 30 pulse/sec. Orig. art. has: 3 figures.

Card 1/2

UDC: 621.374.32:621.317.727.2

L 43059-66

ACC NR: AP6010027

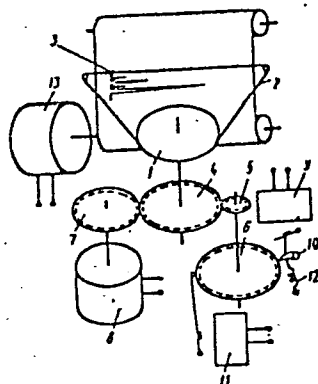


Fig. 1 The principles of the design of the electromechanical counter with continuous discrete registration. 1 - sheave axis; 2 - cable; 3 - recorder pen; 4, 5, 7 - gear; 6 - step selector; 8, 13 - electric motors; 9 - relay; 10 - catch; 11 - electromagnetic step selector; 12 - spring.

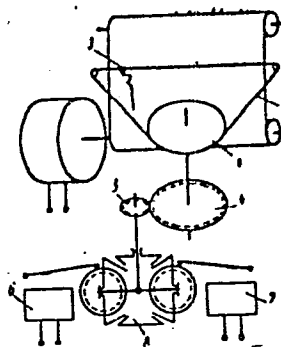


Fig. 2 The principles of the design of the reversible electromechanical counter with continuous registration. 1, 2, 3, 4, and 5 - same as in Fig. 1; 6, 7 - electromagnets; 8 - reversible step selector.

SUB CODE: 09/ SUBM DATE: ^{none}00/ ORIG REF: 000/ OTH REF: 000

Card 2/2 hs

SEREDENKO, B.M., kand.tekhn.nauk

Establishing norms for transportation work on collective
farms. Mekh. sil'. hosp. 11 no.10:7-9 0 '60. (MIRA 13:9)
(Transportation, Automotive)

SEREDENKO, B.M., kand.tekhn.nauk

Compiling and introducing technological charts in sugar beet growing.
Mekh. sil'. hosp. 12 no. 5:8-11 My '61. (MIRA 14:5)
(Sugar beets)

~~SELEZENKO~~, B.M., kand. tekhn. nauk; KOTELIANETS, V.I. [Kotelianets',
V.I.], kand. ekonom. nauk; VORONKEVICH, M.A. [Voronkevych,
M.A.], inzh.

Use more efficiently machinery in drainage work. Mekh. sil'.
hosp. 12 no.12:12-14 D '61. (MIRA 17:1)

1. SEREDENKO, B.; MATVEYVA, A.
2. USSR (600)
4. Poles'ye - Tractors
7. Improvement in the use of tractors on sandy and peat soils of the Poles'ye,
MTS, 13, no. 4, 1953.

9. Monthly List of Russian Accessions, Library of Congress, April, 1953, Uncl.

VASILENKO, A.A., redaktor; VASHCHENKO, K.I., redaktor; GRIGOR'YEV, I.S.,
redaktor; ~~SEREDENKO, B.N., redaktor~~; FAYNERMAN, I.D., redaktor;
SOROKA, M., redaktor; RUDENSKIY, Ya., tekhredaktor

[High-strength cast iron] Vysokoprochnye chuguny. Kiev, Gos. nauchno-
tekhn. izd-vo mashinostroit. lit-ry, Ukrainskoe otd-nie, 1954. 303 p.
[Microfilm] (MLRA 8:3)
(Cast iron)

SEREDENKO, B.M.

Determining the undercarriage efficiency of caterpillar farm tractors.
Nauch.trudy Inst.mash. i sel'koz.mekh. AN URSS 4:14-33 '54.(MIRA 9:9)
(Caterpillar)

Seredenko B.N.

3

EP
MG

Resistance to Wear of High-Quality Cast-Iron Parts for Tractors and Internal Combustion Engines. B. N. Seredenko. (Luchnoe Proizvodstvo, 1964, (8), 3-4). [In Russian]. The results are reported of a comprehensive investigation carried out over five years on the resistance to wear of specimens and actual parts cast from high-quality cast irons, gray irons, babbit metal, and various steels. The tests were intended to evaluate the wear-resistance suitability of these materials for use in tracked vehicles and in internal combustion engines. Tests were carried out for dry and lubricated frictions for friction with quartz sand. The results show that castings of high-quality iron with spheroidal or lamellar graphite are entirely satisfactory. Comparative wear-resistance figures are given for the wide variety of materials tested.—S. K.

llw. JSP
mes

SEREDENKO, B. M.

USSR/Agriculture - Mechanization

Card 1/1 : Pub. 138 - 3/11

Authors : Seredenko, B.M.

Title : ~~Methods of increasing tractor exploitation~~
Methods of increasing tractor exploitation

Periodical : Visnik AN URSR, 8, 23-33, Aug 1954

Abstract : Statistical data are presented on the advantages gained by increased exploitation of tractors in agriculture. Tables.

Institution : ...

Submitted : ...

SEREDENKO, B.N.

USSR/ Engineering - Cast-iron shafts

Card : 1/1

Authors : Ceredenko, B. N., Cand. Tech. Sc.; Chepigin, G. V., Can. Tech. Sc.

Title : Resistance to wear and dependability in operation of crankshafts of high-strength cast iron.

Periodical : Vest. Mash., 34, Ed. 6, 65 - 68, June 1954

Abstract : Numerical values are given for the resistance of high-strength cast iron to various kinds of strains. An analysis is made of the results obtained by experimenting both with steel and high-strength cast iron for tractor engine crankshafts, and such experiments lead to the conclusion that the high-strength cast iron may be used as a substitute for steel in crankshafts and other parts. Graphs; tables; drawing; illustration.

Institution : ...

Submitted : ...